

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089886.D
 Acq On : 24 Aug 2016 20:27
 Operator : UM/SJ
 Sample : H4577-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-MW05-081816

Quant Time: Aug 25 14:10:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

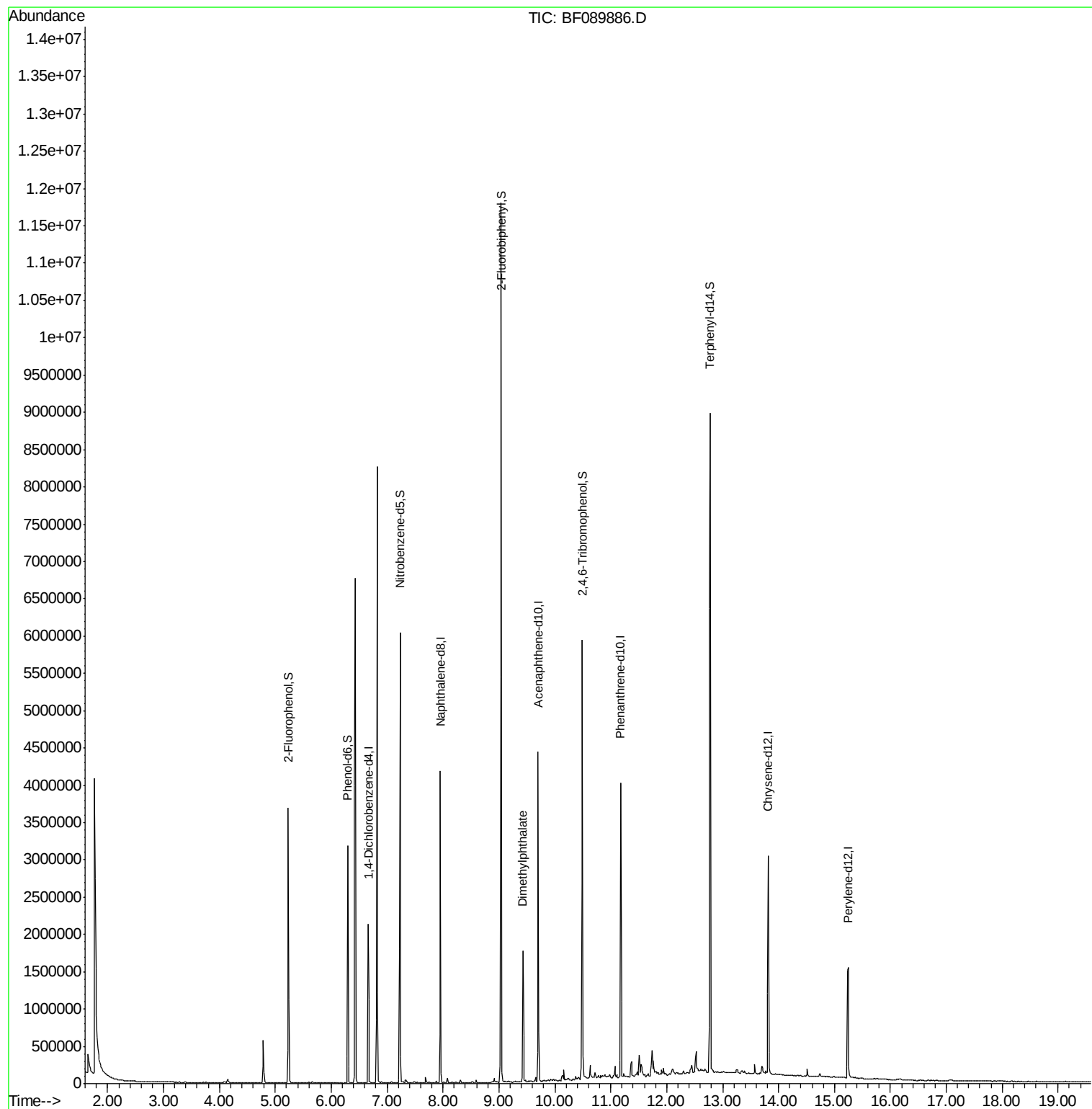
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	391608	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1744306	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	809361	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1418226	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	1067852	20.00	ng	-0.06
86) Perylene-d12	15.25	264	840938	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1155445	50.60	ng	-0.02
7) Phenol-d6	6.30	99	988676	35.27	ng	-0.02
23) Nitrobenzene-d5	7.23	82	2022954	72.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	783858	101.91	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3976267	86.35	ng	-0.01
78) Terphenyl-d14	12.78	244	3468723	73.49	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.43	163	772155	13.55	ng	Qvalue 99

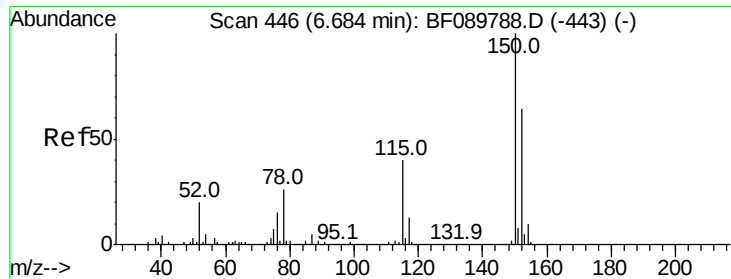
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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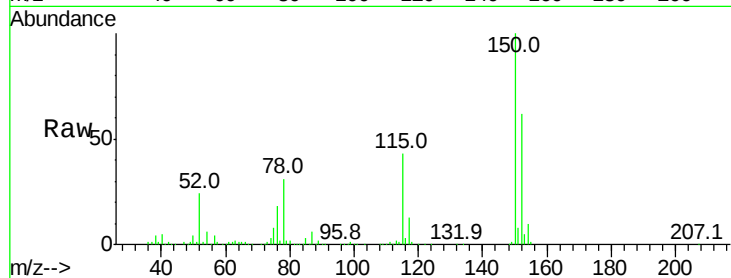


#1

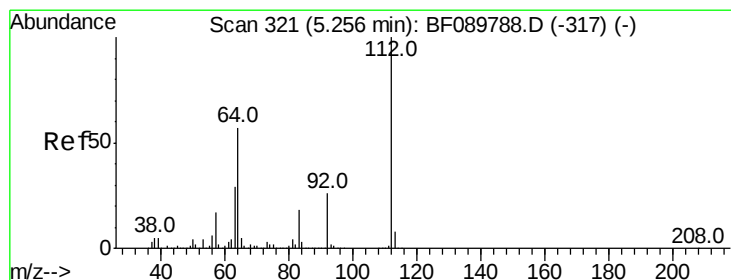
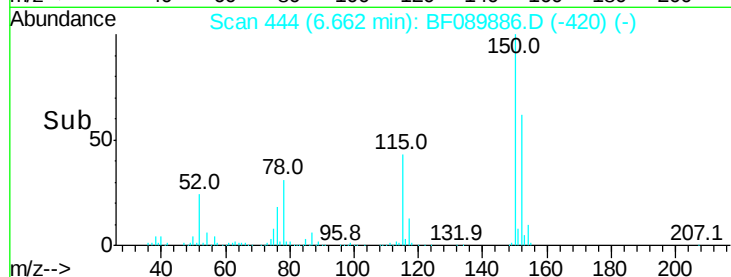
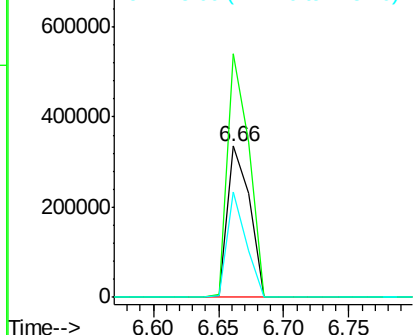
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.02 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-MW05-081816

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	125.3	187.9
115	69.4	40.9	61.3#



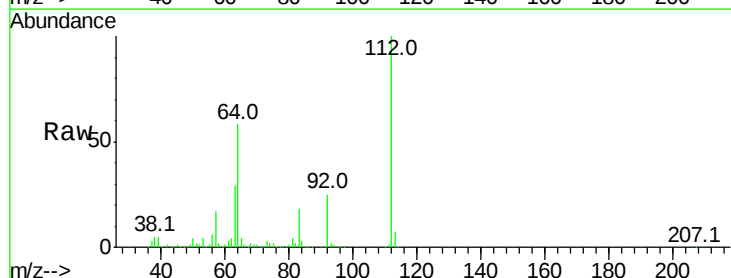
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



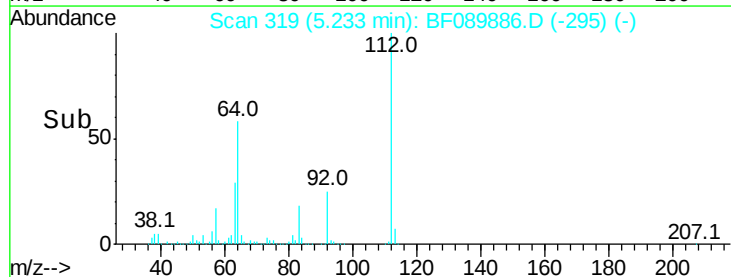
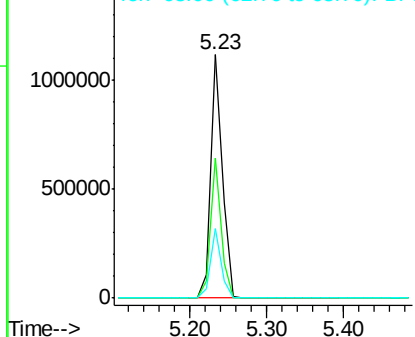
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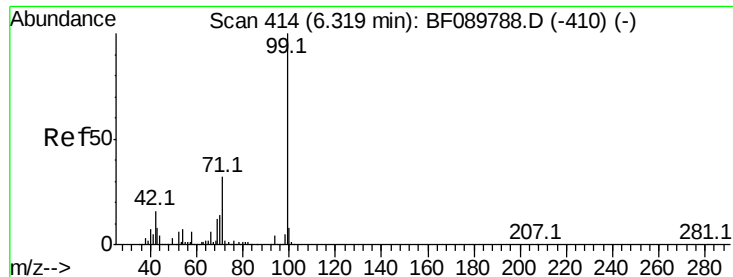
2-Fluorophenol
 Concen: 50.60 ng
 RT: 5.23 min Scan# 319
 Delta R.T. -0.02 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.0	67.4
63	28.7	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.27 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089886.D

Acq: 24 Aug 2016 20:27

Instrument :

BNA_F

ClientSampleId :

GW-MW05-081816

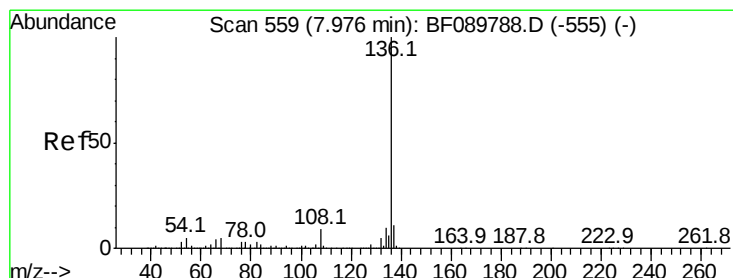
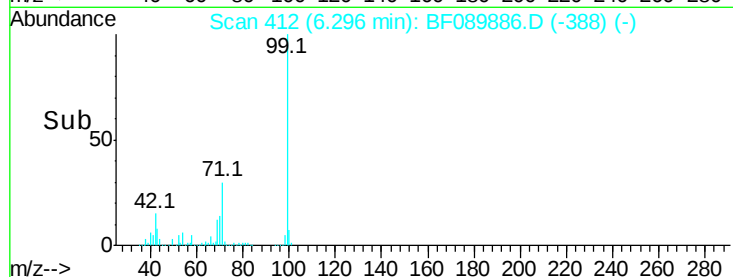
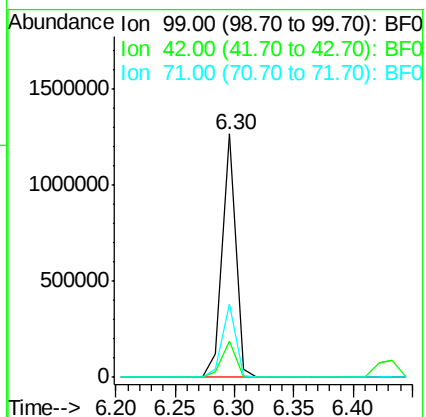
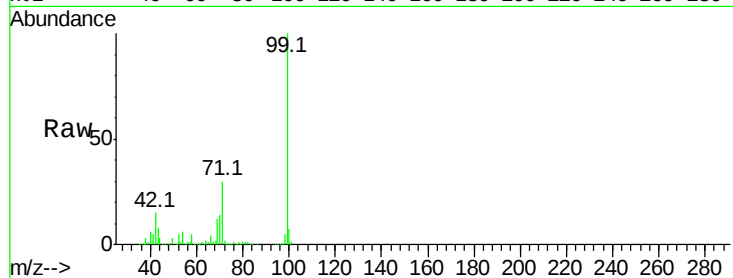
Tot Ion: 99 Resp: 988676

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.4

71 30.0 23.8 35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089886.D

Acq: 24 Aug 2016 20:27

Tgt Ion: 136 Resp: 1744306

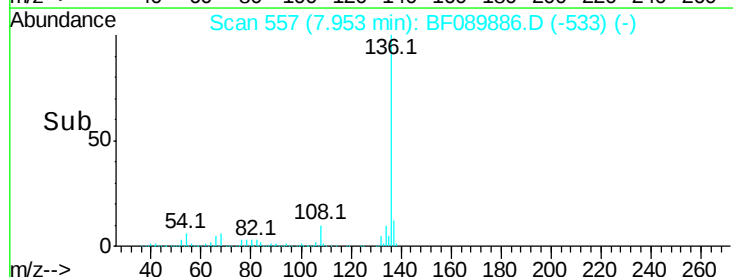
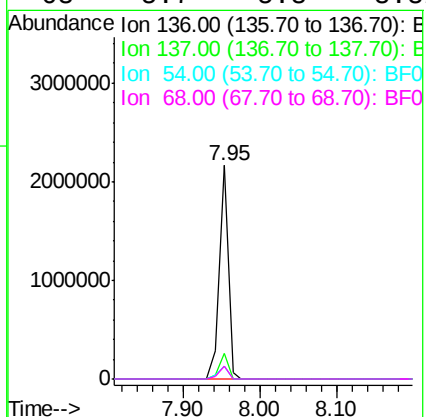
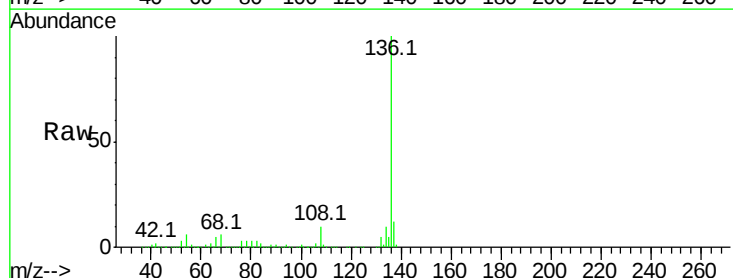
Ion Ratio Lower Upper

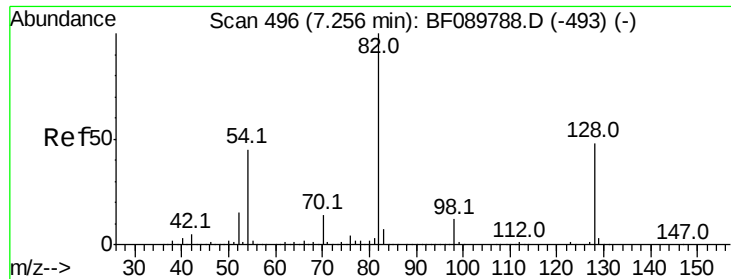
136 100

137 11.8 9.2 13.8

54 6.0 7.2 10.8#

68 5.7 5.8 8.8#

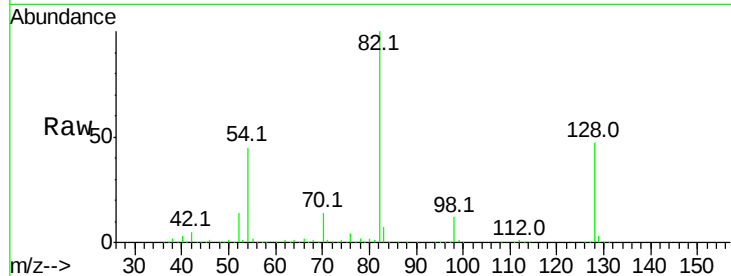




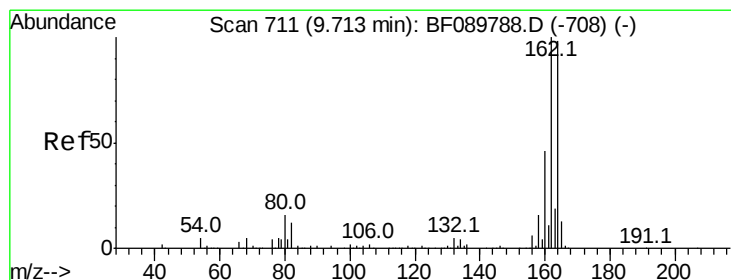
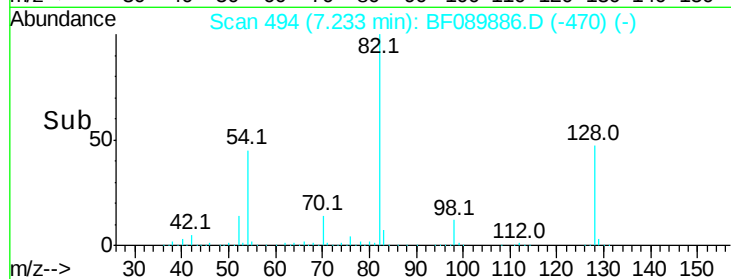
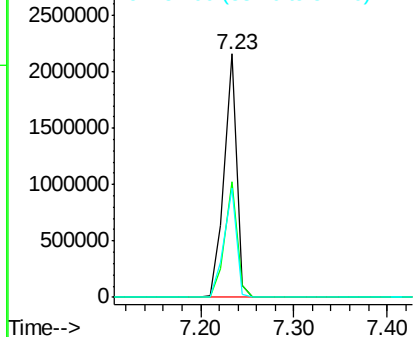
#23
 Nitrobenzene-d5
 Concen: 72.05 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-MW05-081816

Tot Ion: 82 Resp: 2022954
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.4 51.6
 54 44.9 40.3 60.5

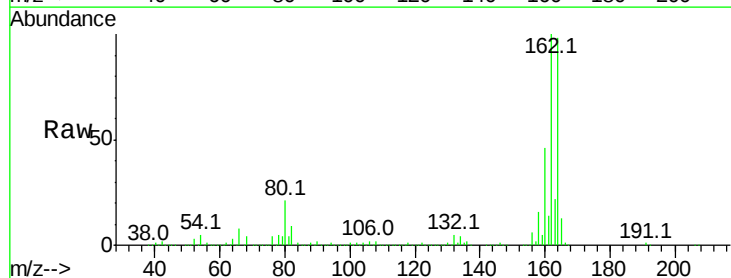


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

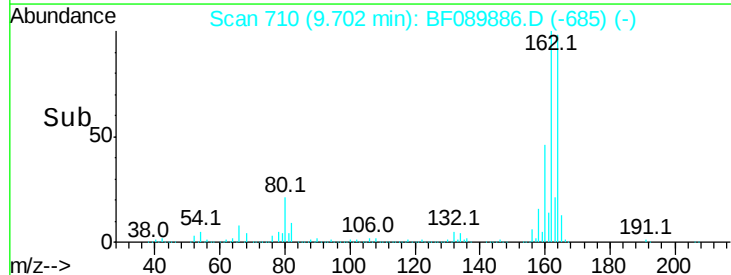
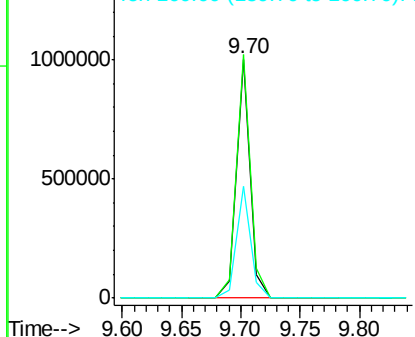


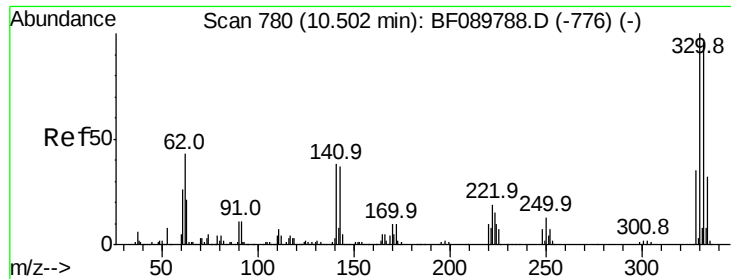
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

Tgt Ion:164 Resp: 809361
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.4 122.2
 160 46.9 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

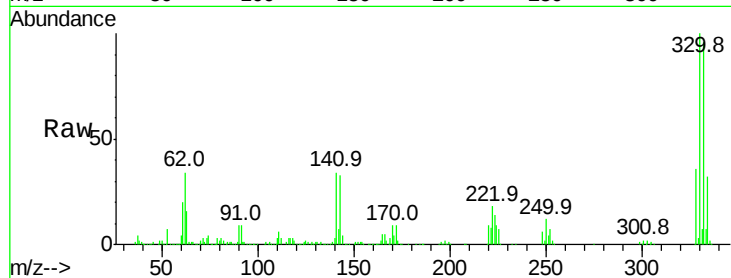




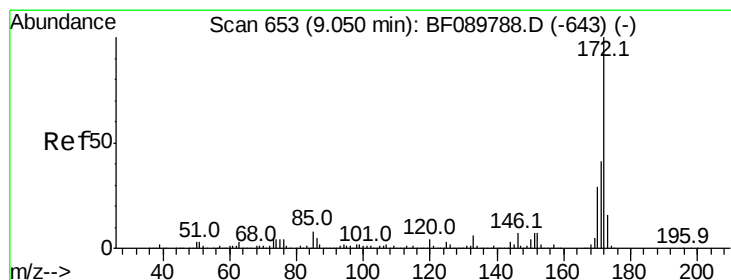
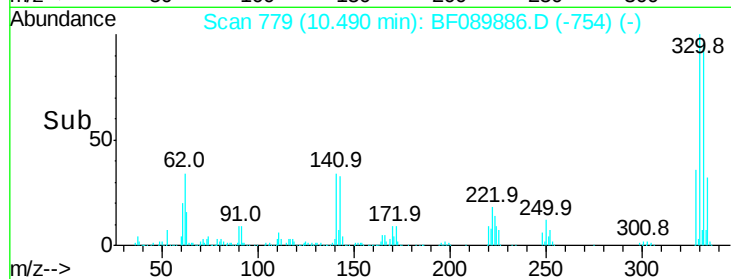
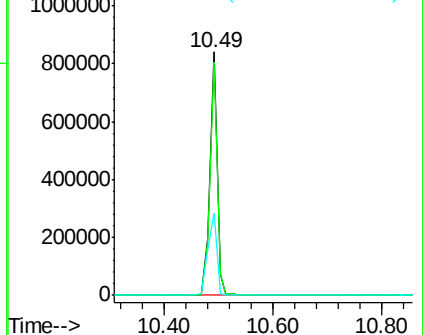
#41
 2,4,6-Tribromophenol
 Concen: 101.91 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-MW05-081816

Tot Ion:330 Resp: 783858
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.7 115.1
 141 39.9 30.2 45.2

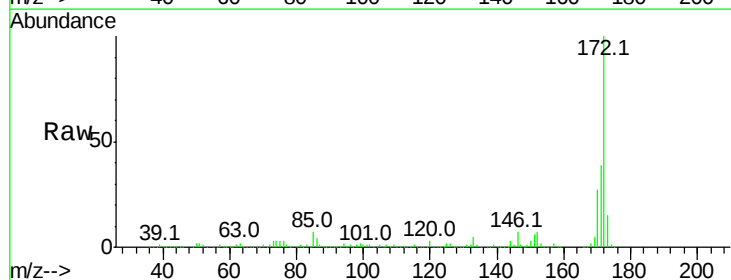


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

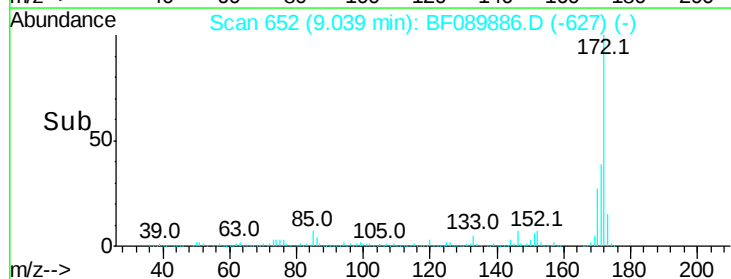
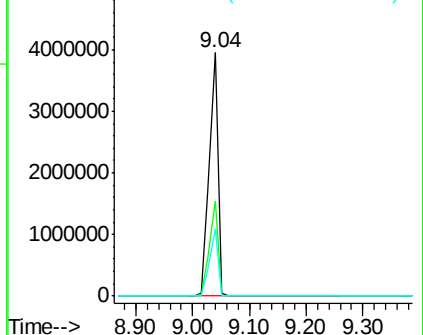


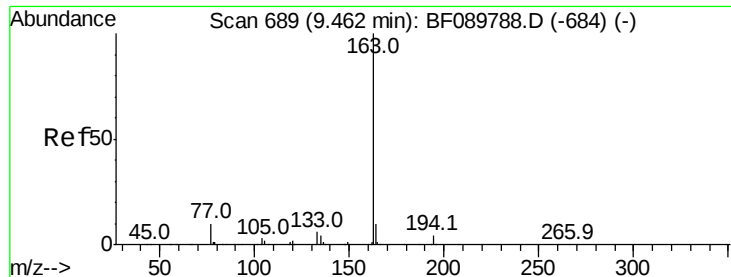
#44
 2-Fluorobiphenyl
 Concen: 86.35 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

Tgt Ion:172 Resp: 3976267
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.5 45.7
 170 27.4 20.6 31.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

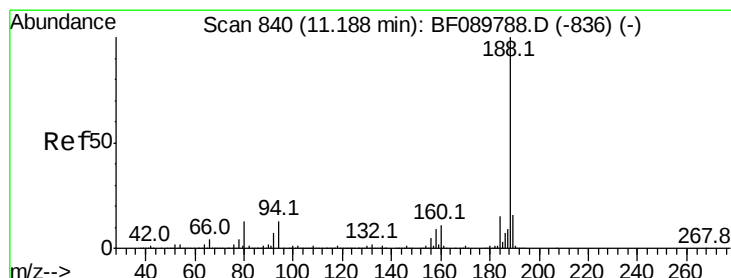
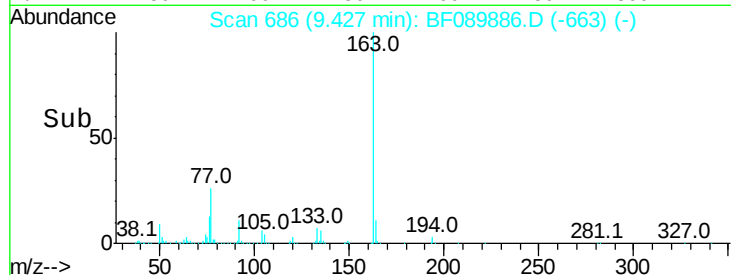
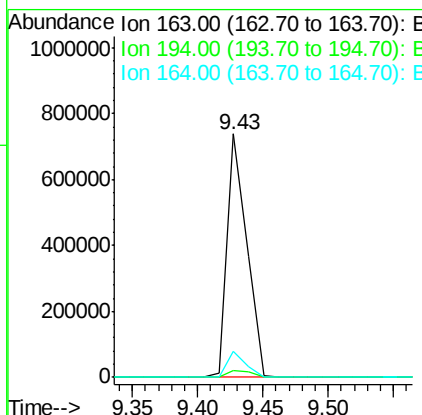
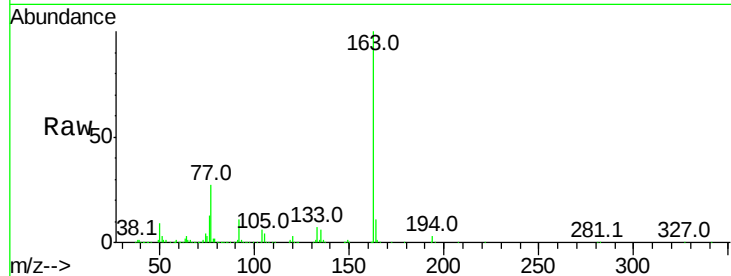




#49
Dimethylphthalate
Concen: 13.55 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF089886.D
Acq: 24 Aug 2016 20:27

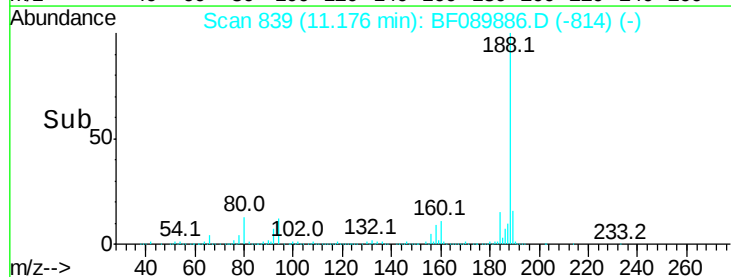
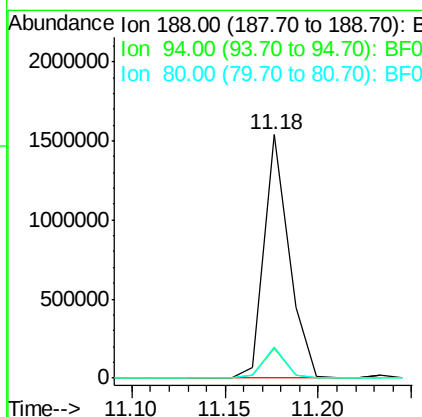
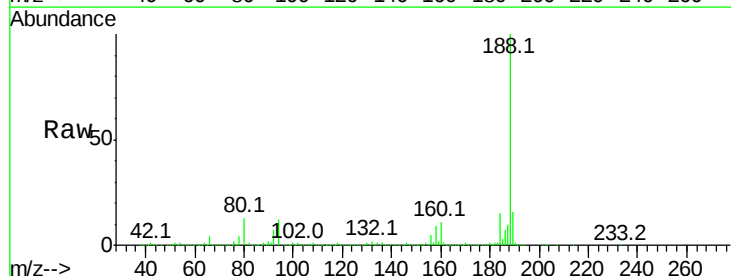
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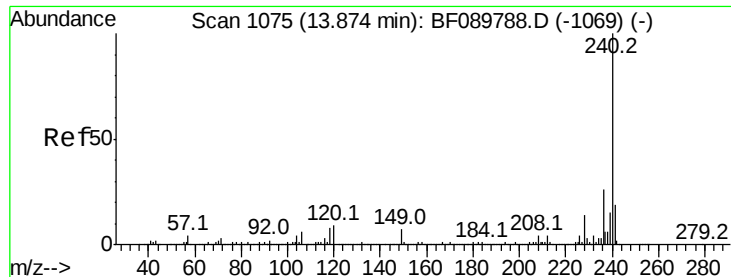
Tot Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	3.8
164	10.8	8.6	12.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089886.D
Acq: 24 Aug 2016 20:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.1	10.2	15.2
80	12.7	10.9	16.3





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.06 min

Lab File: BF089886.D

Acq: 24 Aug 2016 20:27

Instrument :

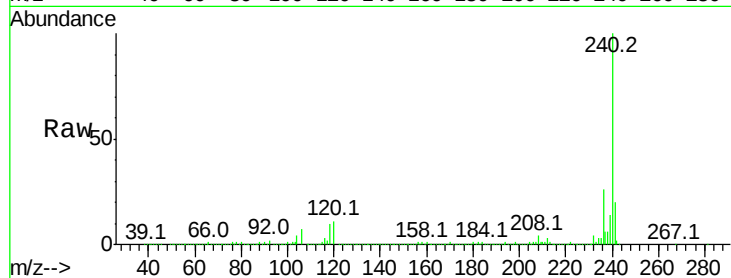
BNA_F

ClientSampleId :

GW-MW05-081816

Tot Ion:240 Resp: 1067852

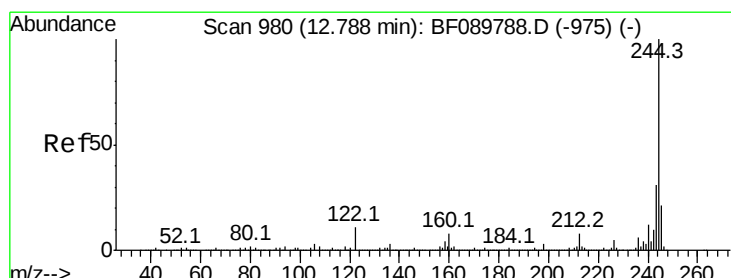
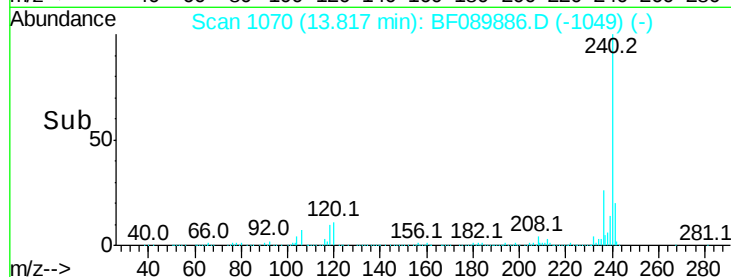
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	26.3	21.3	31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 73.49 ng

RT: 12.78 min Scan# 979

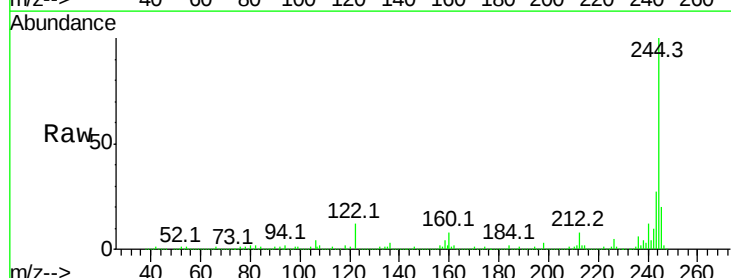
Delta R.T. -0.01 min

Lab File: BF089886.D

Acq: 24 Aug 2016 20:27

Tgt Ion:244 Resp: 3468723

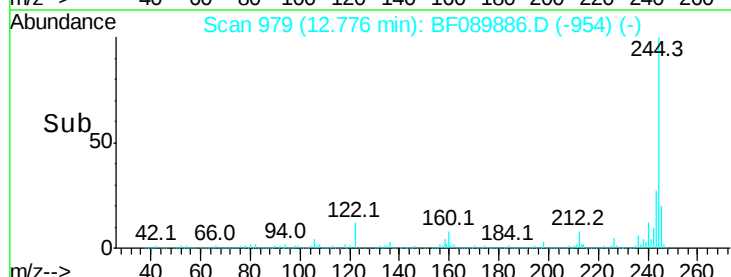
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	11.7	12.0	18.0

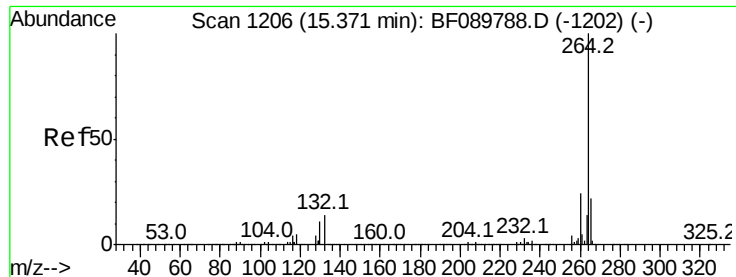


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1195
 Delta R.T. -0.13 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-MW05-081816

Tot Ion:264	Resp:	840938
Ion	Ratio	Lower Upper
264	100	
260	24.0	20.2 30.2
265	21.9	17.4 26.2

